



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Yutaka SAEKI :  
Serial No.: 10/768,668 : Examiner: Steven POST  
Filed: January 30, 2004 : Art Unit: 2672  
For: **CURRENT-DRIVE CIRCUIT AND** : Atty. Docket: NEM-05301  
**APPARATUS FOR DISPLAY PANEL**

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Bonny Rogers  
Bonny Rogers

**REQUEST FOR CHANGE OF ADDRESS**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please direct all correspondence for this application to the following address:

Muirhead and Saturnelli, LLC  
200 Friberg Parkway, Suite 1001  
Westborough, MA 01581

In addition, please direct all telephone calls for this application to Donald W. Muirhead at 508-898-8603.

Respectfully submitted,  
MUIRHEAD AND SATURNELLI, LLC

January 4, 2006

Date

Donald W. Muirhead  
Registration No. 33,978

Muirhead and Saturnelli, LLC  
200 Friberg Parkway  
Suite 1001  
Westborough, MA 01581  
**Customer No.: 26339**

Notification of [Request for] Submission of Opinion

October 31, 2005

*[Text omitted – Translator]*

The present application relates to a current driving circuit and device for a display panel, and presents an improvement in the uniformity of light-emission luminance as the problem to be solved; the characteristic feature is that as a means for solving the problem, the desired number of internal reference currents is output using a current driving circuit comprising a reference current generating part including a reference resistor.

The attached cited invention relates to a driving circuit for a display panel, and when this invention is compared with the invention of the present application, [it is found as follows:]

(i) In terms of object, the cited invention presents making the light-emission luminance uniform as the problem to be solved, so that the problem is the same as the problem of the invention of the present application.

(ii) In terms of construction, the reference current generating part of the invention of the present application corresponds to the current mirror circuit in Figure 7 of the cited invention that is constructed from Rm and Qm, and the reference current source of the invention of the present application corresponds to the reference current generating circuit in Figure 7 of the cited invention that is constructed from Qa, Qb, Rr, Rp, and an operational amplifier, so that the means for solving [the problem of] the cited invention is similar to that of the invention of the present application.

(iii) In terms of effect, since numerous light-emission driving currents are output to the display element in the cited invention, the operational effect is similar to that of the invention of the present application.

Accordingly, Claims 1 through 24 of the present application could easily be invented by a person having an ordinary knowledge of the technical field to which these inventions belong on the basis of the cited invention.

[Attachments]

Attachment 1. Cited Invention: Japanese Patent Application Kokai No. H13-42827 (02/16/2001)

One copy